

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANT:** Manin *et al.* § **GROUP ART UNIT:** Unassigned  
§  
**SERIAL NO.:** 10/586,847 §  
§ **CONFIRM. NO.:** Unassigned  
**FILED:** July 20, 2006 §  
§  
**FOR:** System for Seismic Exploration of §  
A Submerged Subsurface Including § **EXAMINER:** Unassigned  
Implanted Bases §

<b><u>CERTIFICATE OF MAIL BY EXPRESS MAIL</u></b>	
<u>EQ728209915US</u>	<u>November 28, 2006</u>
Express Mail No.	Date of Deposit
<p>I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to:</p> <p style="text-align: center;">MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</p>	
By: 	<u>11-28-06</u>
Name: Yvonne R. Simera	Date of Signature

## **MEMORANDUM OF ART**

MAIL STOP PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date: November 28, 2006  
Docket No.: 10431-18

Sir:

Applicant calls to the attention of the Office the prior art which has been cited in a search report of a foreign patent office in a counterpart application, for which copies are attached. A copy of the French Preliminary Search Report and International Search Report are also enclosed.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.M./

While applicants believe no fees due in association with this filing, the Commissioner is authorized to charge any fees due to Deposit Account No. 50-2413 of Adams and Reese, LLP. The Commissioner is further authorized to charge any deficiencies or overpayment to Deposit Account No. 50-2413 of Adams and Reese, LLP.

Respectfully submitted,



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PTO/SB/08A (08-03)

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**Substitute for form 1449/PTO**

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 2

**Complete if Known**

Application Number	10/586,847
Filing Date	July 20, 2006
First Named Inventor	Manin et al.
Art Unit	Unassigned
Examiner Name	Unassigned

Sheet 1 of 2

Attorney Docket Number 10431-18

U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)		Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		EP 1 217 390	06/26/2002	VandenBroucke
		GB 2 392 245	02/25/2004	Bary et al.

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

Translation is attached.  
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/586,847
				Filing Date	July 20, 2006
				First Named Inventor	Manin et al.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	2	of	2	Attorney Docket Number	10431-18

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		BIBEE, L.D. et al, "Seismic Penetrator Technology for Use in Shallow Water Seismoacoustics", IEEE, October 18, 1993, pp. I450-I454, XP010117379, ISBN: 0-7803-1385-2.	

Examiner Signature	/Daniel Murphy/	Date Considered	07/10/2011
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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